# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Wednesday 04 Jan 2023 until 23:59 on Thursday 05 Jan 2023

Forecast Issued on Wednesday 04 Jan 2023 at 00:04

**Confidence:** High for the general theme of low pressure systems and fronts to move east or northeast across the British Isles, but Medium to Low for details, especially in relation to timings and rainfall amounts.

**Headline for Wednesday 04 Jan 2023:** Mostly cloudy and windy, but becoming brighter as patchy rain clears, though some showery rain in afternoon.

**Mountain weather hazards on Wednesday 04 Jan 2023**

**Blizzards**
No Likelihood

**Gales**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light rain | Light rain | Cloudy | Cloudy | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 50% | 50% | 20% | 20% | 20% | 20% |

**Forecast for Wednesday 04 Jan 2023**

**Weather:** A cloudy start with patchy rain and low cloud especially over western slopes. Becoming mostly dry in morning with cloud lifting and breaking to bring bright or perhaps sunny spells, but any sunshine probably limited to the east. Cloudier again in afternoon with some showery rain, but this becoming dry in evening with some clear spells developing, but there could also be the odd shower.

**Chance of cloud-free hill tops above 600m:** 10% improving 50% in morning, though closer to 30% in afternoon.

**Low cloud and visibility:** Generally good visibility beneath cloud, but reducing moderate in rain, though perhaps poor on western slopes at times. Very poor within cloud however, this extensive down to 400-500m at first, but becoming broken or occasional through the morning and lifting to 600-800m, though still occasional 400m in west and more extensive down to 600m in afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

# Met Office Mountain Weather Forecast

**Forecast for Wednesday 04 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 30/39 W | 31/42 SW | 30/41 W | 30/41 W | 29/40 W | 28/40 W | 31/43 W |
| **300** | 22/31 SW | 25/35 SW | 23/34 SW | 23/34 W | 22/32 W | 20/31 W | 22/35 W |
| **Valley** | 13/30 SW | 16/35 SW | 16/34 W | 16/33 W | 14/31 W | 14/31 W | 16/33 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/2 | 6/-0 | 6/0 | 6/0 | 6/-0 | 5/-0 | 5/-1 |
| **300** | 10/6 | 8/4 | 9/5 | 9/5 | 8/4 | 8/4 | 7/3 |
| **Valley** | 10/7 | 9/5 | 9/6 | 9/6 | 9/5 | 8/5 | 8/4 |
| **Freezing Level*** | 1500m | 1500m | 1500m | 1400m | 1400m | 1400m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Mild, but a chill over the tops with strong winds and some buffeting. Likely wet and soggy underfoot after rain Tuesday.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Wed 04 Jan 2023 | 14mm | 14.6mm | 26.2mm |

**Forecast for Thursday 05 Jan 2023**

**Weather:** Clear spells overnight and some mist or fog may form as winds ease, but cloudier again by the end of the night. Cloud thickening and lowering in morning to bring patchy rain and drizzle, though likely drier in afternoon and there could be some brighter spells, more so in the east. Rain becoming heavier and more prolonged in evening

**Maximum wind:** Westerly 10mph at first, becoming south-westerly 20-25mph in morning, but 30 gust 40mph over the tops in evening.

**Chance of cloud-free hill tops above 600m:** 30%, but 60% in east at first and possibly in afternoon too.

**Low cloud and visibility:** Good occasionally moderate visibility out of cloud, but becoming poor or very poor at height, as cloud thickens, broken 600-800m at first, becoming extensive through the morning and lowering to 400 or 500m at times, especially in west, though the afternoon could see cloud breaking again for a time, more so in the east.

**Temperature:** **Valleys:** Plus 6 C rising to 10-12 C
**At 600m:** Plus 6 C
**Freezing level:** Well above the tops

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.